

Title (en)

Mixing device for mixing fluids

Title (de)

Mischvorrichtung zum Mischen von Fluiden

Title (fr)

Dispositif de mélange pour mélanger de fluides

Publication

**EP 2255868 A3 20110615 (EN)**

Application

**EP 10250709 A 20100331**

Priority

KR 20090047348 A 20090529

Abstract (en)

[origin: EP2255868A2] A mixing device (100) capable of mixing a variety of fluids and suitable for miniaturization and low cost operation. In one embodiment, a mixing device (100) includes a housing (10) having an inner space (1) and at least one opening (12) for allowing at least two kinds of fluids to flow into the inner space, at least one pair of nozzle holes (20a,20b) passing through one side wall (11) of the housing, and at least one pair of guide portions (30a,30b) extending from an outer surface of the housing and protruding up to the respective nozzle holes so that mixed fluids respectively discharged through the at least one pair of nozzle holes collide with each other.

IPC 8 full level

**B01F 3/08** (2006.01); **B01F 5/02** (2006.01); **B01F 5/00** (2006.01)

CPC (source: EP KR US)

**B01F 23/40** (2022.01 - KR); **B01F 23/453** (2022.01 - EP US); **B01F 25/23** (2022.01 - EP US); **B01F 25/72** (2022.01 - KR); **B01F 2025/919** (2022.01 - EP US); **B01F 2025/91913** (2022.01 - EP US); **B01F 2101/505** (2022.01 - EP US); **Y10T 137/8593** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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